# Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011193.D
Acq On : 29 Oct 2022 06:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 29 07:28:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 46 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 34.442 | 31.1# | 31 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.264 | 3.5 | 43 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 38.162 | 23.7# | 35 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 57.931 | -15.9 | 52 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 48.912 | 2.2 | 44 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 36.642 | 26.7# | 36 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 63.476 | -27.0# | 63 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 39.319 | 21.4 | 37 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.746 | 4.5 | 43 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 353.452 | -41.4# | 83 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 39.526 | 20.9# | 38 | 0.00 |
| 13 | T | Acrolein | 250.000 | 298.627 | -19.5 | 64 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 46.905 | 6.2 | 44 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 369.572 | -47.8# | 75 | 0.00 |
| 16 | T | Acetone | 250.000 | 292.350 | -16.9 | 61 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 41.603 | 16.8 | 39 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 74.268 | -48.5# | 77 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 67.907 | -35.8# | 65 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 77.716 | -55.4# | 68 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.184 | 3.6 | 47 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 67.690 | -35.4# | 61 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 367.352 | -46.9# | 65 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 55.248 | -10.5 | 52 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 335.522 | -34.2# | 70 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 41.017 | 18.0 | 39 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 56.679 | -13.4 | 54 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 72.170 | -44.3# | 64 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 379.859 | -51.9# | 78 | 0.00 |
| 30 | C | Chloroform | 50.000 | 59.601 | -19.2# | 57 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 36.126 | 27.7# | 33 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 47.728 | 4.5 | 45 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 71.927 | -43.9# | 69 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 51 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 60.712 | -21.4 | 63 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 38.599 | 22.8 | 41 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 66.889 | -33.8# | 77 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 38.989 | 22.0 | 41 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 31.946 | 36.1# | 34 | 0.00 |
| 40 | TM | Benzene | 50.000 | 48.662 | 2.7 | 52 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 66.198 | -32.4# | 84 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 60.905 | -21.8 | 66 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 64.250 | -28.5# | 72 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 45.199 | 9.6 | 48 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 55.889 | -11.8# | 59 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 61.529 | -23.1 | 68 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 58.807 | -17.6 | 62 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 65.731 | -31.5# | 73 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011193.D
Acq On : 29 Oct 2022 06:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 29 07:28:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1289.571 | -29.0# | 72 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 56.619 | -13.2 | 57 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 346.490 | -38.6# | 76 | 0.00 |
| 52 | CM | Toluene | 50.000 | 49.527 | 0.9# | 52 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 58.331 | -16.7 | 62 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 56.550 | -13.1 | 59 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 62.654 | -25.3# | 69 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 64.836 | -29.7# | 69 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 62.475 | -25.0 | 68 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 311.416 | -24.6 | 67 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 340.133 | -36.1# | 75 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 62.926 | -25.9# | 68 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 64.604 | -29.2# | 71 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 62.388 | -24.8 | 64 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 58 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 41.723 | 16.6 | 50 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 47.621 | 4.8 | 56 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 51.479 | -3.0 | 61 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 43.041 | 13.9# | 50 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 89.271 | 10.7 | 51 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 47.330 | 5.3 | 54 | 0.00 |
| 70 | T | Styrene | 50.000 | 51.300 | -2.6 | 58 | 0.00 |
| 71 | P | Bromoform | 50.000 | 58.682 | -17.4 | 72 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 63 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 39.508 | 21.0 | 48 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 54.115 | -8.2 | 70 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 55.299 | -10.6 | 75 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 55.464 | -10.9 | 76 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 48.195 | 3.6 | 61 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 39.624 | 20.8 | 48 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 43.563 | 12.9 | 54 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 42.571 | 14.9 | 52 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 49.028 | 1.9 | 65 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 44.564 | 10.9 | 56 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 39.737 | 20.5 | 48 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 44.797 | 10.4 | 55 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 37.841 | 24.3 | 46 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 39.724 | 20.6 | 48 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 45.484 | 9.0 | 58 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 46.065 | 7.9 | 59 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 37.499 | 25.0# | 45 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 41.098 | 17.8 | 52 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 48.981 | 2.0 | 63 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 55.194 | -10.4 | 77 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 46.583 | 6.8 | 58 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 36.242 | 27.5# | 45 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 47.707 | 4.6 | 67 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011193.D
Acq On : 29 Oct 2022 06:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Oct 29 07:28:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.297 | 1.4 | 62 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6